

AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Serial Number: 09/217,873

Filing Date: December 21, 1998

Title: DIGITAL YUV VIDEO EQUALIZATION AND GAMMA CORRECTION

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main memory;
a system controller;
a graphics controller;
a video source capable of providing a digital YUV video signal;
a video output capable of connecting to a video display device; and
a digital processor that computationally applies gamma correction via computational calculation to the digital YUV signal provided by the video source and provides a corrected signal to the video output.

REMARKS

Claims 1, 6, and 11 are amended consistent with an Examiner Interview conducted on October 11, 2002. The claims are amended to reflect more clearly that the gamma correction of the present invention is applied via computation and calculation rather than via a lookup table.

Applicant respectfully points out that "calculation" is defined as the action or process of determining by a mathematical process, which is not consistent with looking up a value in a lookup table as is done in the cited Aleksic reference (*see, e.g. Webster's Third New International Dictionary, Unabridged*). Applicant believes this amendment more clearly distinguishes the invention as claimed from the cited art.

Further the pending claims recite features such as a corrective algorithm, etc. that are not present in the Aleksic reference or consistent with the use of a lookup table, and these features are believed to further distinguish the pending claims from the cited art.

The Examiner is invited to contact the Applicant's attorney (612-349-9581) to discuss any matter relating to the claims or to otherwise facilitate prosecution of this application.

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Respectfully submitted,

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By their Representatives,

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Date _____ By _____

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CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231, on this _____ day of June, 2002.

Name _____

Signature _____